INTERNATIONAL SEARCH REPORT

ernational Application No T/GB2004/003019

A. CLASSIF IPC 7	FICATION OF SUBJECT MATTER C10M173/00 C10M173/02 C10M105/4	40							
According to	international Patent Classification (IPC) or to both national classification	ion and IPC							
B. FIELDS									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C10M									
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Int	, ,								
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Calegory °	Citation of document, with indication, where appropriate, of the relev	vani passages	Relevant to claim No.						
X	US 4 885 104 A (STURWOLD ROBERT J 5 December 1989 (1989-12-05) column 6, line 65 - column 8, line claims 1,6,16,19,20; examples VII	1–17							
х	EP 0 242 925 A (NIPPON STEEL CORP NISSHIN OIL MILLS LTD (JP)) 28 October 1987 (1987-10-28) claims 1,5,7; tables 1-3	1–17							
X	US 4 067 817 A (STURWOLD ROBERT J 10 January 1978 (1978-01-10) column 2, line 32 - line 54; clair examples II,III	1–17							
A	US 6 271 185 B1 (KODALI DHARMA E 7 August 2001 (2001-08-07) column 6, line 32 - column 7, lin claims 1,4,13,14	1–17							
Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
*Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the									
"E" earlier filing o	idered to be of particular relevance document but published on or after the international date sent which may throw doubts on priority claim(s) or	invention "X" document of particular relevance; the cannot be considered novel or cannot brooks an inventive step when the do	t be considered to						
which is clied to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "O" document is combined with one or more other such document is combined with one or more other such document is combined by the oral person skilled									
"P" document published prior to the international filing date but later than the priority date claimed "a" document member of the same patent family									
	e actual completion of the international search	Date of mailing of the international sea	<u>.</u>						
	20 October 2004	28/10/2004							
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL ~ 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Bertrand, S							

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No T/GB2004/003019

Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
US 4885104	Α	05-12-1989	US	4978465 A	18-12-1990	
EP 0242925	Α	28-10-1987	BR	8701840 A	26-01-1988	
			CN	87102895 A ,B	18-11-1987	
			DE	3766281 D1	03-01-1991	
			EP	0242925 A2	28-10-1987	
			JP	1945337 C	23-06-1995	
			JP	6072231 B	14-09-1994	
			JP	63191897 A	09-08-1988	
			KR	9004531 B1	29-06-1990	
			US	4889648 A	26-12-1989	
			JP	1945338 C	23-06-1995	
			JP	6072230 B	14-09-1994	
			JP	63146993 A	18-06-1988	
US 4067817	Α	10-01-1978	AT	352247 B	10-09-1979	
			ΑT	814076 A	15-02-1979	
			AU	504655 B2	25-10-1979	
			AU	1923376 A	11-05-1978	
			BE	847938 A1	03-05-1977	
			CA	1070663 A1	29-01-1980	
			CH	626900 A5	15-12-1981	
			DE	2649684 A1	05-05-1977	
			ES	452968 A1	16-07-1978	
			FR	2329695 A1	27-05-1977	
			GB	1566414 A	30-04-1980	
			IT	1123925 B	30-04-1986	
			JP	52065213 A	30-05-1977	
			NL	7612214 A ,B,	05-05-1977	
			PH	14119 A	26-02-1981	
			SE	7612203 A	04-05-1977	
			US	4075393 A	21-02-1978	
			US	4108785 A	22-08-1978	
			ZA	7606556 A	28-06-1978 	
US 6271185	B1	07-08-2001	AU	4705301 A	18-06-2001	
			WO	0142405 A2	14-06-2001	